

Date: Tue, 13 Sep 94 04:30:30 PDT
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: Bulk
Subject: Ham-Equip Digest V94 #325
To: Ham-Equip

Ham-Equip Digest Tue, 13 Sep 94 Volume 94 : Issue 325

Today's Topics:

 2 2m 1 antenna
 DSP Units
 For Sale: HP95LX, Telebit QBlazer Modem
 Heath HW-101 FOR SALE CHEAP
 Heath HW-2036 problem
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 Mobile with TM742 or TM733
 nicads
 Problems with Kenwood TH-78A Modifications
 Radio Shack HTX-202-a good choice?
 TH-78A prices
 TS-850/AT Mods
 Wanted: Heathkit 6 Meter Info
 Wanted:Where to buy ham receiver in FL
 Wanted ICOM IC-229A

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sat, 10 Sep 1994 06:10:36 GMT
From: ihnp4.ucsd.edu!news.cerf.net!nntp-server.caltech.edu!netline-
fddi.jpl.nasa.gov!elroy.jpl.nasa.gov!grian!morris@network.ucsd.edu
Subject: 2 2m 1 antenna
To: ham-equip@ucsd.edu

toddw@hebron.connected.com (Todd Wilburn) writes:

>Does anyone know of any way to connect two 2m transceivers to 1 antenna
>with both monitoring and only 1 transmitting at a time. Without the use
>of an antenna switch in reverse.

Depends on the radios. If you can get to the antenna switching in the
radios, and can modify them, yes.

Lets try some character graphics:

```

                                NC
                                v-----to diagram below
ant -----x-----
                                NO  to TX of 1st radio (unchanged)
                                ^-----
                                Ant relay in 1st radio
```

```

                                NC
                                v-----to diagram below
from above-----x-----
                                NO  to TX of 2nd radio (unchanged)
                                ^-----
                                Ant relay in 2nd radio
```

```

                                +----- rx 1
from rx side of 2nd radio-----preamp/splitter--+
                                +----- rx 2
```

Note that if the RX preformance the preamp may not be needed and a
simple resistive devider can be used... All you are trying to do is
maintain the impedance match. Both RX should have some TX protection on
their front ends. I used this system cascaded to 3 VHF radios on one
disguise antenna in a surveliance vehicle back in the 60s - a scanner,
a VHF police radio and a VHF mobile phone.

Let me know if it does the trick for you.

--

```
Mike Morris   WA6ILQ   | This space intentionally left blank.
PO Box 1130    |
Arcadia, CA. 91077   | All opinions must be my own since nobody pays
818-447-7052 evenings | me enough to be their mouthpiece...
```

Date: 11 Sep 1994 12:42:30 GMT
From: ihnp4.ucsd.edu!ucsnews!newshub.sdsu.edu!nic-nac.CSU.net!usc!math.ohio-state.edu!howland.reston.ans.net!gatech!mailer.acns.fsu.edu!freenet3.scri.fsu.edu!freenet2.scri.fsu.edu!bischoff@@.
Subject: DSP Units
To: ham-equip@ucsd.edu

I konw that a few weeks back there was some discussion of the relative merits of the various DSP products on this Group - but at the time I wasn't really "in the market" so I ignored the thread. Now it seems that I've bought in to the DSP concept so would appreciate any advice or recommendations regarding DSP units other than the Tandy model.

Date: 10 Sep 1994 01:32:48 GMT
From: agate!howland.reston.ans.net!math.ohio-state.edu!jussieu.fr!univ-lyon1.fr!swidir.switch.ch!scsing.switch.ch!news.dfn.de!zeus.rbi.informatik.uni-frankfurt.de!terra.wiwi.uni-frankfurt.de!news.@
Subject: For Sale: HP95LX, Telebit QBlazer Modem
To: ham-equip@ucsd.edu

For Sale:

HP95LX [1-MB version] DOS-compatible palmtop computer/personal organizer. Includes all standard software (i.e. Lotus 1-2-3, Appointment Book, Phone Book, etc.), all instruction manuals originally shipped with the computer, the book "How to use your 95LX" by Monday/Robinson, and a few cables (useful to connect your palmtop to a PC or workstation) and an installed and licensed copy of "95Buddy", the enhancement software for the palmtop. Ideal for portable Packet Radio station.

Price: \$200.00

Telebit QBlazer Modem. Battery operated or AC Power (both included). Has all cables to connect to HP95LX above. Original packaging included, as is original instruction manuals. Good tiny modem for a laptop, too.

Price: \$75.00

If Sold Together: \$250.00

Payable by cash, cashiers' check or money order. If by check, I would like ten days for it to clear (or sooner, if it clears more rapidly).

Contact: Mark Keiser, 415-336-5979. Sun Internal: x 65979

Date: Sat, 10 Sep 1994 18:24:30 GMT
From: netcomsv!netcom.com!davebaby@decwrl.dec.com
Subject: Heath HW-101 FOR SALE CHEAP
To: ham-equip@ucsd.edu

It's been sitting in the basement since I went off to college about 15 years ago. Was working fine for CW and SSB from 10 to 80 m when I packed it up way back when.

Make me a reasonable offer or if anyone has an idea how much this rig is worth, I'd appreciate a shout.

N3FDQ

dave

--
--
-- dave oleynik | davebaby@netcom.com
-- multimedia producer | 71221.1631@compuserve.com
-- washington, dc | finger for public key

Date: 12 Sep 1994 16:48:31 GMT
From: athos.cc.bellcore.com!oscar!hw@uunet.uu.net
Subject: Heath HW-2036 problem
To: ham-equip@ucsd.edu

I purchased a used Heath HW-2036 synthesized 2-meter transceiver a few days ago. For several days it worked very well. Last night the sync lock light came on permanently.

Does anyone have any experience with this problem and know what the fix might be for it? I don't yet have a manual or schematic to troubleshoot the rig.

Thanks,

Harold
KB2M

Date: Sat, 10 Sep 1994 17:01:37 GMT
From: netcomsv!netcom.com!djk@decwrl.dec.com
Subject: IC-2AT/3AT Questions
To: ham-equip@ucsd.edu

Hi,

Does anyone know what the best point is for injection of a PL tone in the 2AT/3AT series of Icom radios? I do not have a schematic, and am not sure which of the pot's is the dev pot, and don't really want to leave the radio the way I have it now with the PL just connected to the microphone input as that is not reliable.

Thanks!

-djk

Please email me with any suggestions as I don't always have access to this newsgroup.

--

Daniel J. Karnes		
WA6NDT		djk@TASP.NET / dj@Netcom.COM
--- = -----		-----
"Why doesn't Winchells		PO Box 1664, Crestline, CA 92325
have Mogi Donuts?"		FAX 909/338-5579

Date: 12 Sep 1994 04:13:27 GMT
From: svc.portal.com!shell.portal.com!twise@uunet.uu.net
Subject: Kantronics TNC for sale
To: ham-equip@ucsd.edu

I have a Kantronics KPC-4 Dual Port Communicator TNC for sale.
\$150+shipping.
TNC includes wiring (2 radio wiring units plus 12v power block),
the TNC has a PBBS built in, has the expanded memory (I think it's
50k of memory), KaNode, digipeater...etc. Perfect condition.

If you're interested, e-mail me.

Travis Wise
twise@shell.portal.com

--

Travis A. Wise
Assistant Manager, Photo Drive Up
Freshman, San Jose State University

Voice Mail/Pager: (408) 383-8570

Date: Mon, 12 Sep 1994 22:56:04 GMT
From: ihnp4.ucsd.edu!agate!darkstar.UCSC.EDU!news.hal.COM!olivea!
charnel.ecst.csuchico.edu!nic-nac.CSU.net!usc!crash!nctams1!pnet16!
tjenkins@network.ucsd.edu
Subject: Looking for W6DLQ
To: ham-equip@ucsd.edu

Title says it all. If anyone has a line of Jim Bowles, please let me know.

--Tom

INET: tjenkins@pnet16.navy.mil

Date: 11 Sep 1994 00:26:09 -0700
From: ihnp4.ucsd.edu!newshub.nosc.mil!crash!news.sprintlink.net!
bethel.connected.com!hebron.connected.com!not-for-mail@network.ucsd.edu
Subject: Mobile with TM742 or TM733
To: ham-equip@ucsd.edu

Gary Praeuner (praeuner@unlinfo.unl.edu) wrote:
: I just bought a new car and am considering a new radio.
: Anyone have any experiences or regrets using the detachable front panel
: kits for either the Kenwood TM742 or TM733 radios.

I have the tm642 and the 732 both are remoted and I enjoy both very much.
it's a good compliment with me TS-50 and TH78a

If you want expandability get the 742 so you can add an additional band.
it also has mic remote control button for easier programming. Both units
are feature full and reliable as long as the voltage doesn't drop to 9 volts.

Todd Wilburn
Civil Air Patrol
Ed Hauter Comp. Squ. 46049
Emergency Services Officer
Washington Wing
RACES, PP-ASEL, Volunteer North West,
Volunteer Fire Fighter, College Student,
IFR Student, soon to be Helicopter Student
toddw@hebron.connected.com N7ZWQ
-Job? What Job I work for a living!"

-----| My opinions are not my own but of the company that I own. |-----

Date: 09 Sep 94 21:53:11 PDT
From: ihnp4.ucsd.edu!newshub.nosc.mil!crash!kaster!tbear@network.ucsd.edu
Subject: nicads
To: ham-equip@ucsd.edu

* OFFLINE 1.56

Date: 12 Sep 1994 03:52:58 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!cs.utexas.edu!chpc.utexas.edu!
news.utdallas.edu!news.tamu.edu!eemips.tamu.edu!reykowsk@network.ucsd.edu
Subject: Problems with Kenwood TH-78A Modifications
To: ham-equip@ucsd.edu

Hi All,
I just bought a new TH-78A and tried to do the "Crossband Repeater" and
"Beyond Caps/Mars Modifications".
After trying different diode/wire configurations I ended up with:
D3,D4, and W2 removed.
Now I can
RX 50-180MHz, TX 136-180MHz, (VHF)
RX 300-400MHz (VHF)
RX 400-512MHz, TX 40-512MHZ (UHF)
But still, I can not receive from 800 to 950 MHz.
Is this feature not available anymore? Can anybody verify this?

I also tried earlier suggested modifications like
D3,D4 and W1 removed, and
D4,D5 removed
both gave me only extended receive with no extended transmit.

Another curiosity: My manual describes the crossband repeater function
for the standard configuration (No diode/wire removed).

A second question: Can someone verify whether the only difference between
a TH-78A (American version) and TH-78E (European version) is that in the
"E" version D2 is removed? Do I need an extra tone module for 1750Hz in
order to get into European repeaters or is this a done deal after removing
D2?

| Resistance is E/I!
| Power is EI!

Date: 10 Sep 1994 01:32:04 -0400
From: elroy.jpl.nasa.gov!usc!howland.reston.ans.net!swiss.ans.net!
newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@ames.arpa
Subject: TH-78A prices
To: ham-equip@ucsd.edu

In article <dsebrank.779156451@gonix>, dsebrank@gonix.com (Doug Sebranek)
writes:

prices prices prices etc

I just purchased (3 weeks ago) 3 th-78a's from aes and ericksons in
chicago, they were \$430 each, was the cheapest in the country made about
20 calls looking for them. they are now in short supply and since there
are limitations to the 79a's features people are still hunting for the 78.
good luck!

Date: Sun, 11 Sep 94 22:01:00 -0500
From: iat.holonet.net!tippy!mike.cotterman@uunet.uu.net
Subject: TS-850/AT Mods
To: ham-equip@ucsd.edu

Could someone please post the extended TX mod for a late
model ('bout a year old) Kenwood TS-850/AT?

* WR [NR] * UNREGISTERED EVALUATION COPY

Date: 11 Sep 1994 10:38:46 GMT
From: ihnp4.ucsd.edu!ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!gatech!
mailer.acns.fsu.edu!freenet3.scri.fsu.edu!freenet2.scri.fsu.edu!
ka4hpb@network.ucsd.edu
Subject: Wanted: Heathkit 6 Meter Info
To: ham-equip@ucsd.edu

I am looking for some information on HeathKit 6 meter gear.....I
would like to finish off my Heath station with some of their 6...

meter gear but don't know what they made or offered on 6.....
if you have any info on their equipment please respond.....thanks

Joe

Respond to me here or to ka4hpb@freenet.fsu.edu

Date: 10 Sep 1994 17:48:46 GMT
From: ihnp4.ucsd.edu!sdd.hp.com!spool.mu.edu!howland.reston.ans.net!torn!nott!
cunews!freenet.carleton.ca!freenet3.scri.fsu.edu!freenet2.scri.fsu.edu!
bpeabody@network.ucsd.edu
Subject: Wanted:Where to buy ham receiver in FL
To: ham-equip@ucsd.edu

I am new to this and would like info on where to buy a ham or a
shortwave receiver in the Orlando or Tampa area. I have tried several
places, but haven't located any. Is there a mail-order place as well?
I would appreciate it if you would e-mail the info to me.

Thanks for the help!

Brook : -)

And I need to know what kind of other equipment is needed to run a
small but nice system!

--
REAL teachers and REAL students in REAL schools doing REAL teaching
with Technology!!
Get the picture!
Peabodb@mail.firn.edu

Date: 13 Sep 1994 01:50:06 GMT
From: freeside.fc.net!usenet@uunet.uu.net
Subject: Wanted ICOM IC-229A
To: ham-equip@ucsd.edu

I am looking for an ICOM IC-229A mobile rig. This is the 2 meter 25 watt
version (not the 50 watt IC229H). Please reply to viktors@fc.net

Date: Mon, 12 Sep 1994 13:30:28 GMT
From: newsgate.melpar.esys.com!melpar!phb@uunet.uu.net
To: ham-equip@ucsd.edu

Subject : Re: 50 mile simplex suggestions

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> I would be interested in your distance study information and graphs.
> Please e-mail me your address and I'll send a SASE. '73's!
> Jim McCrary/244 Tanglewood Circle/Birmingham, AL 35215
```

For the record, my address is:

BTW, the tutorial includes the necessary charts plus examples of a couple of station setups I used. Also included is a list of references (some of the older VHF handbooks from the 50s and 60s have very good material on this subject; in fact, VHF propagation was pretty well understood back then insofar as tropospheric path loss was concerned).

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''''''''''''''''''''''''''''
Bill Bischoff, NK40 |
Tallahassee, Florida | bischoff@freenet.scri.fsu.edu
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End of Ham-Equip Digest V94 #325
